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U.S. WEATHER BUREAU SUMMARY OF CLIMATOLOGICAL DATA SECTION 72-SOUTHEASTERN OHIO

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

WILLIS L. MOORE, Chief.

SUMMARY OF THE CLIMATOLOGICAL DATA FOR THE UNITED STATES, BY SECTIONS.

By the Climatological Division, P. C. DAY, Acting Chief of Division.

SECTION 72—SOUTHEASTERN OHIO

The territory embraced in this section includes the southern three-fourths of the Muskingum watershed and the district lying between the eastern boundary of the Muskingum drainage area and the Ohio River. The total area is approximately 7,650 square miles, or about nineteen per cent of the area of the State. The Muskingum River drains about 5,700 square miles, and the remainder of the area is drained directly into the Ohio River. The population at the present time is probably in the neighborhood of 650,000, or about 85 persons to the square mile. It is estimated that the proportion of rural to urban population is about five to three.

The topography varies from the rolling, glaciated country in the northwestern portion to the very hilly regions along the Ohio River. The terminal moraine enters the district about the middle of the northern boundary line, passes westerly, and then makes a sharp turn to the south in the northeastern portion of Knox County. It then runs near Newark and on out of the section. More than ninety per cent of the area of the section is unglaciated, the country very hilly and rough, and the streams running in deep valleys cut in the bed rock. The mean elevation of the section above sea level is probably between 1,000 and 1,100 feet, ranging from about 600 feet along the lower portions of the Ohio and Muskingum valleys to nearly 1,400 feet at Bangorville, in the northwestern corner.

The Muskingum River is formed by the junction of the Walhonding and Tuscarawas at Coshocton, and is 99 miles in length. It is 211 miles from the mouth of the Muskingum to the head waters of the Tuscarawas. Other large tributaries are the Licking and Wills rivers; the Killbuck enters the Walhonding just above its junction with the Tuscarawas.

The river is navigable as far as Zanesville, a distance of 70 miles, by means of ten dams with locks from one pool to another. The rate of fall per mile from the Ohio River to Zanesville is only 1.5 feet, and it is only 2.6 feet from Zanesville to Coshocton.

The water is comparatively sluggish in the Tuscarawas and the lower part of the other streams also, but the flow is much more rapid in the upper part of all the branches. The rate of fall on the Wills River is 4.5 feet per mile, on the Walhonding, 6.9 feet, and on the Licking, 9.5 feet.

At one time there were many water powers on the small streams and the upper parts of the larger rivers in the Muskingum basin. In many places the back water of one dam reached to the tail race of the one above. In later years the silting up of the ponds, the decline of water transportation, etc., have operated to reduce the number of powers kept in use.

In more recent years, however, with the promotion of the transmission of power by electricity, there has been an increase again in the water power development. It is believed that the possibilities of further development in this direction are very large.

Floods are frequent in the smaller streams in this watershed because of the hilly character of the country, and the water rises rapidly in the main river but reaches the flood stage only about once a year on an average at Zanesville. It has reached the flood stage but once in the past five years at Beverly. In this case unusually heavy rain fell in the immediate vicinity of Beverly, while the river was already high from earlier rains farther up the river.

The highest water ever reported at Zanesville was 36.8 feet, or 11.8 feet above the flood stage. At Beverly the highest was 10.0 feet above the flood stage.

The soil is generally best in the glaciated portion, most of the soil in the unglaciated portion being formed by the disintegration of the native rock. There are, however, long strips of alluvial deposits in the stream valleys that yield very large crops of corn.

The climatic data extend back for about twenty years on the average in the temperature records (thirteen stations). Precipitation records are more numerous. Five stations have a record of more than twenty years, the longest one being that at Marietta, sixty-five years in length.

The annual amounts of precipitation are very nearly the same over the entire district, so far as can be judged from the records which vary so much in length. The shorter records would indicate that the annual precipitation is about thirty-eight inches, but the longer records prove that the annual average is probably nearer forty inches than thirty-eight. The largest monthly amounts usually occur in June and July and the smallest in October, the range being from a little over four inches per month to a little less than three. The number of rainy days, that is days with 0.01 inch or more of precipitation, is fairly constant from December to July, inclusive, being about ten days per month. From August to November, inclusive, the number is from seven to eight days per month.

There is a difference of about three degrees in the annual mean temperatures of the northern and southern extremities, ranging from 50 degrees in the north to 53 degrees in the south. February is the coldest month, with an average of about 27 degrees for the district, and July is the warmest, with a mean of about 73 degrees. The differences between the July normals at the various stations are small, but those of February are much more marked, the normal at Marietta, in the southern portion, being 34 degrees, while that at Milfordton, in the northwestern portion, is 24 degrees. The average date of the first killing frost of autumn is about October 4th, ranging from September 28th at Cambridge and Milligan to October 20th at Marietta. The average date of the last killing frost in spring is about May 3d, and ranges from April 18th at Marietta to May 9th at Milligan.

The prevailing direction of the wind is generally southwest. The only humidity records obtainable were those at the regular Weather Bureau stations at Pittsburg, Parkersburg, and Columbus, all of which places are outside of, but not far removed from, the district under discussion.

The accompanying chart shows the boundaries of the district, the location of the principal reporting stations, and the river systems.

MONTROSE W. HAYES,
SECTION DIRECTOR.

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Precipitation in Southeastern Ohio. Monthly, annual and average amounts (in inches and hundredths).

[Figures in bold-face type estimated from surrounding stations.]

Annapolis, Jefferson County

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1892	.....	.....	.....	.....	.....	.....	.....	1.62	1.32	0.66	1.13	1.50	.....
1893	1.98	6.60	1.97	5.94	3.44	3.91	2.32	4.14	0.54	5.50	1.43	2.96	40.73
1894	1.84	2.84	1.76	2.79	4.51	1.79	1.71	0.33	2.16	2.26	2.07	3.62	27.68
1895	2.70	0.45	0.85	1.03	1.65	0.98	3.14	4.01	0.49	0.67	2.38	**5.05**	23.40
1896	0.20	1.54	4.16	2.55	3.10	**5.81**	8.78	2.07	4.67	1.49	3.16	1.83	39.36
1897	**2.36**	3.46	3.98	4.28	2.25	3.15	4.11	2.09	**1.04**	**0.24**	5.42	2.51	34.89
1898	3.26	1.46	5.45	2.32	4.16	2.55	1.80	3.71	3.00	2.87	3.08	1.02	34.68
1899	1.44	.....	2.74	2.41	.....	.....	.....	.....	3.16	.....	.....	3.87	.....
1900	2.26	3.73	3.65	1.72	1.63	2.94	3.40	**4.48**	1.89	1.03	3.72	0.54	31.04
1901	1.65	0.49	3.40	8.10	3.88	3.46	1.05	3.85	4.25	0.07	0.91	3.45	34.56
1902	0.41	1.08	3.43	2.18	2.69	6.20	5.84	2.21	.....	.....	.....	.....	.....
1903	2.53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mns	1.88	2.41	3.14	3.33	3.03	3.42	3.57	2.85	2.25	1.65	2.59	2.64	32.76

Bangorville, Richland County

Elevation, 1,380 feet

1887	2.04	6.70	2.87	3.12	3.99	4.52	2.13	2.44	1.51	0.63	2.82	2.04	34.81
1888	4.05	1.70	3.98	1.78	4.48	4.51	3.73	5.79	1.48	3.47	5.33	1.59	41.89
1889	4.34	1.43	1.06	1.69	4.64	4.54	3.82	2.37	3.52	1.18	3.59	3.22	35.40
1890	5.74	6.05	5.11	2.93	7.00	5.12	2.01	3.52	5.29	4.20	3.52	1.92	52.41
1891	2.53	6.14	4.15	2.53	2.17	3.42	3.92	2.86	0.81	2.39	6.79	3.07	40.78
1892	1.75	3.49	2.91	2.39	7.10	6.19	4.45	2.96	1.59	0.46	2.36	2.26	37.91
1893	3.59	5.89	2.30	7.66	4.85	3.11	2.00	1.01	2.11	4.37	2.47	2.77	42.13
1894	2.69	2.81	3.54	1.84	4.30	3.76	1.64	1.59	1.79	2.68	2.29	3.00	31.93
1895	3.74	1.13	1.53	1.77	2.14	4.15	2.04	4.06	2.71	1.21	2.78	4.80	32.06
1896	1.71	2.47	4.10	4.03	3.19	3.76	9.44	3.91	5.97	0.99	2.34	3.01	44.92
1897	2.53	2.56	4.32	3.23	4.08	3.76	4.87	2.28	0.65	0.77	7.33	2.92	39.30
1898	5.08	3.09	7.90	3.01	4.94	3.50	3.46	5.02	3.97	3.62	4.62	2.95	51.16
1899	3.69	1.64	4.38	1.01	4.38	6.33	5.45	2.43	3.24	2.59	1.98	2.98	40.10
1900	2.53	4.19	2.79	2.16	1.73	2.45	3.84	5.02	2.25	1.74	3.43	1.51	33.64
1901	2.24	1.32	3.57	1.36	5.34	3.83	3.68	3.21	4.25	0.60	1.30	3.11	33.81
1902	0.86	1.80	3.29	2.03	2.07	5.51	8.41	1.46	5.06	2.40	2.35	4.02	39.26
1903	2.75	4.35	4.50	4.57	3.18	3.85	2.92	2.94	3.17	2.92	2.75	2.76	40.66
1904	5.65	3.27	6.56	4.73	3.07	5.22	5.03	2.94	3.16	1.65	0.24	3.98	45.50
1905	1.80	1.30	2.55	3.22	6.56	2.83	5.88	6.25	7.53	2.98	2.44	2.02	45.36
1906	1.77	1.62	3.79	1.98	3.51	4.77	5.32	1.96	2.57	4.16	2.91	4.16	38.52
1907	7.74	1.52	5.06	3.48	4.43	4.07	4.83	2.55	4.33	2.68	2.65	3.92	47.26
1908	2.35	4.60	6.30	3.57	5.99	3.11	4.45	3.08	0.45	1.62	1.03	3.18	39.73
Mns	3.24	3.14	3.93	2.91	4.23	4.20	4.24	3.17	3.06	2.24	3.06	2.96	40.38

Bladensburg, Knox County

Elevation, 1,100 feet

1869	.....	.....	.....	.....	.....	3.09	9.37	.....	.....	2.49	.....	.....	.....
1870	.....	3.00	4.87	0.56	1.15	2.93	4.12	.....	2.74	2.70	1.48	2.25	.....
1871	4.03	2.80	2.53	2.09	2.10	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1883	.....	.....	.....	.....	5.20	2.57	5.26	1.30	3.30	4.15	3.70	.....	.....
1884	.....	.....	4.03	1.12	3.54	.....	4.65	.....	.....	2.47	2.01	3.30	.....
1885	5.18	1.52	0.64	.....	4.68	.....	.....	.....	.....	3.04	.....	.....	.....
1886	.....	.....	.....	1.62	2.68	.....	.....	.....	.....	.....	.....	.....	.....
1887	.....	.....	.....	.....	2.18	3.05	.....	2.62	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1893	.....	.....	.....	.....	3.02	1.86	3.46	0.79	1.46	3.29	2.78	4.08	.....
1894	2.25	3.41	2.39	1.97	3.00	1.28	0.96	0.48	3.56	1.42	2.43	3.09	26.51
1895	4.45	0.48	2.23	.....	0.98	2.13	3.74	3.44	1.85	1.13	4.34	4.32	.....
1896	1.99	2.19	3.57	2.76	2.85	5.53	8.56	1.76	5.20	0.69	.....	2.47	.....
1897	1.57	.....	5.03	.....	1.83	2.25	.....	.....	.....	.....	.....	.....	.....
1898	5.11	.....	.....	.....	5.52	2.68	4.91	.....	.....	.....	.....	.....	.....
1899	.....	1.79	2.38	0.92	4.15	2.36	4.63	2.08	.....	0.52	1.32	3.07	.....
1900	2.65	4.65	4.05	2.00	1.22	1.48	3.37	3.10	2.33	1.10	3.29	0.80	30.04
1901	2.16	0.59	1.96	3.64	2.67	6.20	.....	.....	.....	.....	1.41	3.30	.....
1902	1.02	0.66	3.84	1.20	.....	.....	4.77	3.28	2.58	1.44	.....	.....	.....
1903	3.68	4.89	3.70	4.56	2.70	.....	2.08	0.95	1.16	1.61	2.10	2.30	.....
1904	3.39	2.85	5.87	6.24	3.67	.....	3.99	.....	.....	.....	.....	.....	.....
1905	.....	.....	.....	2.30	5.70	2.21	5.04	4.65	4.28	4.32	2.09	1.84	.....
1906	2.74	0.78	4.49	2.74	1.81	4.39	3.56	8.03	3.54	3.38	2.26	3.45	41.17
1907	4.49	1.23	6.54	2.57	4.00	2.06	8.71	1.54	3.69	1.62	1.60	2.75	40.80
1908	2.34	4.22	6.75	3.22	5.40	1.99	5.04	1.50	0.51	1.54	1.22	2.38	36.11
Mns	3.15	2.34	3.82	2.47	3.18	2.83	4.70	2.53	2.78	2.17	2.29	2.81	35.07

Note.—The record from June, 1869, to May, 1871, inclusive, and from May, 1883, to August, 1887, inclusive, is that of Gambier, about seven miles to the northwest.

Cadiz, Harrison County

Elevation, 1,245 feet

1903	.....	.....	.....	.....	.....	.....	.....	.....	1.21	2.29	4.11	2.85	.....
1904	3.44	2.70	5.03	4.05	3.79	5.65	7.25	2.26	1.70	3.10	0.39	3.27	42.63
1905	2.22	1.95	3.50	2.59	3.50	6.74	5.30	3.04	4.23	3.60	3.02	3.29	42.98
1906	2.18	1.14	4.76	2.08	1.84	4.96	5.10	4.62	3.32	2.95	1.66	3.89	38.50
1907	5.43	1.20	6.68	3.12	4.16	3.71	8.83	1.66	4.32	3.45	1.66	2.94	47.16
1908	2.19	3.45	7.06	5.13	5.75	2.14	6.69	3.71	0.43	2.13	0.83	3.04	42.55
Mns	3.09	2.09	5.41	3.39	3.81	4.64	6.63	3.06	2.54	2.92	1.94	3.21	42.73

Cambridge, Guernsey County

Elevation, 803 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1892	.....	.....	.....	.....	.....	.....	.....	3.12	1.68	0.65	0.83	.....	.....
1893	2.32	5.92	1.42	5.80	5.53	3.28	2.86	2.08	1.43	6.58	1.54	3.32	42.08
1894	2.20	3.33	2.49	2.41	3.50	2.28	2.07	1.86	1.65	1.48	2.05	4.54	29.86
1895	4.62	0.51	1.45	2.18	1.70	1.26	2.84	3.29	2.09	1.41	4.05	4.08	29.48
1896	1.43	2.39	4.17	2.87	2.82	6.68	12.72	3.48	5.18	1.09	3.52	1.81	48.16
1897	1.96	4.75	4.64	3.49	3.00	3.56	6.12	1.92	6.47	0.34	7.14	3.00	40.39
1898	5.59	2.77	4.83	2.99	4.64	2.91	4.75	5.17	1.72	3.98	2 18	2.73	44.26
1899	2.17	2.05	4.59	1.36	4.55	4.76	4.66	1.05	2.60	2.21	1.44	3.17	34.61
1900	2.11	2.87	2.85	1.98	2.26	2.12	2.04	3.08	1.43	1.64	4.03	1.37	27.78
1901	2.17	0.61	3.10	5.62	4.51	4.32	3.62	4.12	2.79	T.	1.09	3.95	35.90
1902	1.69	1.15	2.69	1.91	2.17	8.35	7.87	2.02	4.13	2.75	2.25	4.87	41.85
1903	2.69	5.45	5.33	5.34	2.70	4.26	3.05	2.02	0.33	2.95	2.49	2.15	38.76
1904	2.86	1.67	4.70	2.83	3.56	3.23	7.28	2.02	1.41	2.83	0.46	4.09	36.94
1905	1.66	0.78	3.49	2.14	4.97	6.20	3.04	4.35	4.13	3.14	2.69	2.98	39.57
1906	2.50	0.89	4.33	3.08	1.71	3.51	3.76	5.42	4.54	2.62	1.35	3.26	36.97
1907	5.50	0.76	6.90	4.00	3.95	4.27	6.53	2.82	2.81	2.54	1.65	2.41	44.14
1908	1.73	3.21	6.40	3.63	4.69	1.42	4.95	2.24	0.45	1.53	0.93	3.07	34.55
Mns	2.70	2.44	3.96	3.25	3.52	3.90	4.88	2.94	2.28	2.22	2.33	3.18	37.60

Canal Dover, Tuscarawas County

Elevation, 884 feet

1893	.....	.....	.....	.....	.....	.....	3.30	2.75	1.56	3.97	1.71	2.23	.....
1894	2.29	3.65	2.20	3.07	3.36	2.13	1.28	0.50	3.75	1.92	3.85	2.45	30.45
1895	5.19	0.79	1.63	1.78	1.62	3.45	3.88	**3.64**	**1.96**	1.91	3.46	5.42	34.73
1896	1.99	2.74	3.55	3.28	3.25	6.04	10.07	2.85	4.17	1.11	2.21	3.28	44.54
1897	2.14	4.25	4.52	4.05	3.81	1.61	6.91	2.69	0.69	0.26	7.88	2.64	41.45
1898	4.65	3.22	8.43	2.40	5.62	3.39	4.57	3.79	1.57	4.24	3.00	3.18	48.06
1899	3.28	2.18	4.53	2.17	6.84	2.89	3.53	1.28	3.61	1.65	1.90	3.59	37.45
1900	2.34	3.12	3.59	2.72	0.84	5.31	7.17	2.99	2.86	1.35	3.82	1.65	37.76
1901	2.17	1.58	3.01	4.38	3.12	3.83	2.03	3.71	4.11	0 30	1.42	3.74	33.40
1902	1.33	1.18	2.74	2.37	2.03	4.85	6.48	2.02	3.60	1.53	2.09	4.09	34.41
1903	2.56	4.99	4.44	3.20	2.99	4.21	2.49	3.02	0.34	2.91	2.20	2.74	36.09
1904	4.75	3.31	6.89	4.63	3.90	3.45	5.31	3.31	2.65	1.81	0.58	2.82	43.41
1905	2.03	2.54	3.22	2.50	5.80	7.31	4.83	6.96	5.25	3.72	2.04	2.72	48.92
1906	2.17	1.26	4.95	2.92	3.04	3.38	4.17	3.64	2.72	3.27	2.41	3.05	36.98
1907	5.83	1.20	6.14	3.83	3.40	3.31	4.08	2.25	3.07	1.57	1.44	3.03	39.15
1908	1.76	3.18	5.57	3.03	3.45	2.23	4.65	1.99	0.32	1.30	1.45	2.75	31.68
Mns	2.97	2.61	4.37	3.09	3.54	3.83	4.67	2.96	2.64	2.05	2.59	3.09	38.41

Carrollton, Carroll County

Elevation, 1,142 feet

1889	**3.00**	**1.00**	1.28	1.42	2.09	4.90	3.30	2.30	3.10	2.10	4.90	3.90	32.29
1890	4.95	6.30	5.95	5.70	8.70	5.10	3.30	3.70	.....	.....	.....	.....	.....
1891	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1892	2.02	3.24	2.98	1.96	4.85	5.15	7.96	3.40	2.07	0.81	1.21	2.24	37.89
1893	2.45	6.99	1.94	5.51	4.79	2.87	2.72	2.12	1.30	4.99	1.57	3.13	40.38
1894	3.00	3.61	2.29	2.27	5.15	1.54	1.48	0.90	3.76	2.13	3.18	2.49	31.80
1895	4.30	1.32	1.86	1.23	1.71	1.12	3.06	2.79	1.54	1.04	3.25	4.51	27.73
1896	0.86	2.79	3.25	4.13	3.58	6.39	9.95	3.45	4.35	1.10	2.64	2.42	44.91
1897	2.66	3.73	3.67	3.38	3.18	3.78	5.36	2.63	0.66	0.49	6.50	2.73	38.77
1898	5.09	2.43	6.88	2.13	4.43	3.91	4.44	6.89	2.22	3.98	2.93	3.85	49.18
1899	2.33	2.54	4.17	2.69	5.92	3.92	4.15	1.06	.....	.....	.....	.....	.....
Mns	3.07	3.40	3.43	3.04	4.44	3.87	4.57	2.92	2.38	2.08	3.27	3.16	39.63

Clarington, Monroe County

Elevation, 600 feet

1903	**2.20**	5.60	5.00	4.70	2.65	4.50	4.80	1.40	0.36	2.79	1.66	3.00	38.66
1904	3.01	2.69	5.41	3.39	3.75	3.92	3.96	1.78	1.84	1.88	0.17	2.78	34.58
1905	2.25	1.95	4.66	2.57	3.97	6.20	3.81	3.18	2.65	4.63	3.49	3.76	43.12
1906	2.93	1.47	4.72	6.20	2.75	4.30	5.61	5.59	2.31	3.37	1.77	5.15	46.17
1907	6.55	2.01	8.76	3.36	4.40	4.35	9.68	3.44	5.95	3.40	2.78	3.60	58.28
1908	2.25	4.45	6.61	5.05	6.56	2.88	4.72	2.85	2.25	2.41	0.89	2.84	43.76
Mns	3.20	3.03	5.86	4.21	4.01	4.36	5.43	3.04	2.56	3.08	1.79	3.52	44.09

Coshocton, Coshocton County

Elevation, 770 feet

1892	.....	.....	.....	.....	.....	.....	.....	.....	1.39	.....	.....	1.08	.....
1893	1.24	5.51	2.26	7.49	3.66	3.53	3.74	3.09	.....	.....	.....	.....	.....
1894	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1895	.....	.....	1.97	1.39	1.67	1.76	3.29	4.95	2.43	1.55	3.31	4.11	.....
1896	1.78	2.16	2.87	3.06	1.30	6.35	10.94	3.25	5.78	0.94	3.46	2.28	44.17
1897	1.90	3.40	4.55	3.33	.....	.....	7.40	3.15	.....	.....	7.79	2.07	.....
1898	4.79	.....	7.05	.....	.....	2.71	6.88	3.73	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1902	.....	.....	.....	.....	1.40	5.94	3.76	2.78	2.58	1.51	2.24	4.52	.....
1903	2.82	4.39	3.61	5.26	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1908	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.10	2.87	3.31	.....
Mns	2.51	3.86	3.72	4.11	2.01	4.06	6.00	3.49	3.04	1.52	3.93	2.90	**41.15**

Note.—The record from December, 1892, to August, 1893, inclusive, is that of Tyrone, and from March, 1895, to August, 1898, inclusive, is that of New Moscow, about seven miles to the southwest of Coshocton.

Demos, Belmont County

Elevation, 1,325 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1888	.....	.....	.....	.....	.....	.....	.....	7.10	4.20	4.17	2.95	0.34	.....
1889	3.04	1.82	1.17	2.51	2.81	5.04	4.05	1.21	3.52	2.05	5.42	3.03	35.67
1890	5.93	6.48	7.42	4.28	6.24	5.62	1.91	6.40	8.83	7.25	2.53	3.91	66.80
1891	2.93	7.61	4.27	2.14	3.08	5.15	7.53	2.11	1.29	0.54	2.24	2.83	41.72
1892	1.47	2.42	2.15	1.49	**5.40**	**4.43**	2.25	0.96	1.73	0.54	1.99	1.11	25.94
1893	2.67	6.39	1.19	**5.88**	2.49	4.69	1.86	3.76	0.96	4.84	1.94	1.94	38.61
1894	2.22	2.87	2.28	3.96	4.41	0.62	0.42	1.59	2.08	1.66	1.43	4.31	27.85
1895	4.55	1.34	1.24	1.97	1.81	1.28	2.07	4.87	1.09	1.73	1.31	4.77	28.03
1896	2.00	1.99	2.85	2.78	2.12	6.92	16.13	4.34	3.92	1.84	2.70	1.64	49.23
1897	0.75	4.01	4.01	2.74	3.64	2.71	3.40	1.74	0.28	0.10	6.32	3.10	32.80
1898	3.79	1.29	5.40	2.37	3.13	3.56	7.77	3.81	2.33	**3.67**	2.01	1.55	40.68
1899	2.08	1.53	4.69	1.07	4.84	4.59	3.70	1.79	3.36	1.52	2.27	2.78	34.22
1900	3.08	3.64	1.85	1.95	2.39	3.74	1.79	3.78	1.88	1.43	3.48	1.68	30.69
1901	1.65	0.95	3.03	7.84	2.92	5.07	3.61	3.74	2.37	**T.**	1.86	3.37	36.41
1902	1.70	1.15	3.86	3.97	1.48	6.34	5.86	5.86	3.66	1.80	3.08	5.19	43.95
1903	2.20	4.80	5.84	4.03	3.05	.....	.....	.....	.....	.....	2.17	2.06	.....
1904	1.90	1.25	4.07	3.31	3.94	4.53	3.66	2.75	1.94	2.32	0.15	2.84	32.66
1905	1.92	1.78	3.57	2.91	4.17	3.80	2 47	5.76	3.75	4.84	3.04	3.56	41.57
1906	2.75	1.39	3.18	3.48	1.77	7.47	4.93	7.37	3.66	2.86	1.34	4.04	44.24
1907	5.92	1.74	7.28	2.50	4.00	4.68	9.06	2.76	4.95	3.16	1.85	2.67	50.57
1908	2.33	2.56	7.96	4.12	5.22	1.79	4.78	2.71	1.37	2.36	1.05	3.31	39.56
Mns	2.74	2.85	3.75	3.26	3.45	4.32	4.59	3.72	2.86	2.43	2.43	2.86	39.26

Granville, Licking County

Elevation, 960 feet

1854	2.85	3.25	3.90	3.86	5.58	4.04	2.35	1.50	0.82	8.28	3.41	1.85	41.69
1855	2.77	1.90	5.50	2.55	3.22	7.84	7.67	3.15	6.64	1.70	6.90	5.04	54.88
1856	1.39	1.50	0.71	1.65	3.25	5.40	2.23	3.12	0.45	0.50	2.49	2.94	25.63
1857	1.28	2.07	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1861	.....	.....	.....	.....	.....	.....	2.15	4.92	2.71	2.81	3.49	.....	.....
1862	.....	.....	3.21	3.11	2.87	2.96	4.07	0.82	0.99	0.81	2.68	3.14	.....
1863	.....	3.40	2.57	1.94	1.50	1.63	2.28	2.58	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1882	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.33	2.02	.....
1883	3.45	5.34	2.78	2.33	4.47	1.87	3.33	0.70	2.63	4.53	3.36	3.76	38.55
1884	1.23	5.72	3.00	1.95	5.77	3.06	2.57	0.75	3.34	1.23	1.45	3.90	33.97
1885	4.15	2.80	0.45	2.95	3.11	4.06	3.90	.....	2.58	3.48	2.90	2.10	.....
1886	5.72	0.73	2.65	.....	3.76	.....	.....	3.81	5.31	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1889	3.79	1.25	1.07	1.43	2.90	3.30	3.76	0.73	3.91	2.23	4.50	**2.20**	31.07
1890	4.62	6.36	.....	.....	3.36	.....	2.03	4.48	7.33	2.84	.....	.....	.....
1891	3.05	6.16	3.59	2.14	2.57	4.31	6.89	1.92	0.70	2.30	6.60	2.58	42.81
1892	1.92	3.62	2.21	2.48	5.57	.....	.....	.....	.....	0.38	2.56	1.65	.....
1893	3.08	7.00	2.87	7.01	4.31	5.41	2.70	**2.86**	0.96	3.75	2.26	3.37	45.58
1894	2.62	3.30	**2.29**	2.30	3.36	4.27	2.38	1.66	4.67	1.97	2.85	3.96	35.63
1895	4.73	0.49	2.28	2.00	2.26	1.99	2.15	3.43	2.04	1.25	5.44	5.29	33.35
1896	2.88	2.41	3.25	2.75	2.73	5.54	5.89	3.49	6.64	0.96	4.13	2.73	43.40
1897	1.96	3.94	6.56	3.39	4.34	3.52	5.37	4.05	0.69	0.58	7.98	2.97	45.35
1898	5.99	2.62	8.09	4.13	6.39	3.09	1.83	4.73	1.51	3.46	3.00	3.58	48.42
1899	2.41	1.84	5.40	2.44	3.15	4.72	5.47	1.95	2.62	1.94	1.99	3.19	37.12
1900	2.85	3.79	2.89	3.08	1.56	2.42	4.55	3.80	3.12	2.15	3.79	1.34	35.34
1901	2.51	0.74	2.18	2.97	4.01	4.04	3.21	5.28	3.41	0.38	1.13	3.49	33.35
1902	1.09	0.71	3.22	2.20	1.43	7.67	3.38	1.55	2.97	3.06	3.33	4.01	34.62
1903	2.66	5.27	4.15	3.94	3.56	2.71	2.07	1.50	0.99	2.44	2.47	3.04	34.80
1904	3.85	2.46	5.79	3.90	2.94	3.78	8.02	1.96	0.91	2.49	0.18	4.62	40.90
1905	1.50	1.65	2 26	2.66	4.32	3.58	1.94	3.42	3.58	5.40	2.88	2.58	35.77
1906	2.42	1.23	5.24	1.62	2.70	6.00	6.33	5.22	2.62	3.07	2.49	3.73	42.67
1907	5.74	0.70	7.49	2.77	4.34	3.06	5.34	2.52	6.48	2.19	1.90	3.09	45.62
1908	1.98	4.72	7.11	3.27	4.97	2.89	4.05	2.83	0.31	1.42	1.21	2.62	37.38
Mns	3.02	3.00	3.67	2.85	3.60	3.97	3.85	2.81	2.89	2.41	3.17	3.14	38.38

Note.—The record from July, 1861, to August, 1863, inclusive, is that of Newark, seven miles distant.

Gratiot, Licking County

Elevation, 1,000 feet

1889	.....	.....	.....	.....	.....	.....	.....	1.22	4.58	1.41	4.92	1.90	.....
1890	5.12	5.51	5.61	3.18	5.65	7.97	2.81	5.80	7.28	3.82	2.27	2.76	57.78
1891	2.88	6.03	4.53	1.84	3.27	3.55	5.97	4.05	0.82	1.32	4.36	2.08	40.70
1892	2.88	2.77	2.45	2.46	5.59	5.96	4.49	3.11	2.13	0.56	1.55	2.02	35.97
1893	2.05	6.38	2.07	6.04	4.15	2.95	5.96	1.13	1.36	4.97	2.03	3.14	42.23
1894	2.27	3.31	1.80	1.81	3.21	2.25	2.10	0.86	2.59	1.67	2.23	4.59	28.69
1895	4.07	0.81	1.46	2.32	1.32	2.70	3.34	4.02	1.87	1.33	3.83	4.40	31.47
1896	1.87	2.43	3.34	2.80	2.01	4.69	11.69	3.29	6.54	1.01	3.48	1.18	44.33
1897	1.25	3.94	5.29	2.94	2.89	2.66	5.09	1.84	0.75	0.66	6.90	2.51	36.72
1898	5.15	3.66	6.16	3.71	4.12	3.43	2.70	6.66	1.65	3.65	2.55	2.78	46.22
1899	2.53	2.21	5.48	1.67	3.53	4.12	3.64	1.16	2.59	1.74	1.41	3.08	33.16
1900	2.79	3.43	3.41	2.21	2.46	3.66	3.94	3.92	1.53	1.41	4.33	0.83	33.92
1901	1.75	0.74	2.62	5.77	3.86	6.54	2.42	5.59	2.36	0.31	1.45	4.18	37.59
1902	1.62	0.93	2.69	1.96	1.97	8.68	3.62	1.54	3.27	2.65	3.07	4.76	36.76
1903	2.71	6.21	3.67	3.66	2.93	3.22	2.07	0.88	1.40	2.22	2.69	2.60	34.26
1904	2.65	2.38	5.07	3.38	3.74	3.38	9.57	2.50	1.65	1.53	0.31	4.74	40.90
1905	1.91	1.62	2.89	2.17	4.25	4.28	3.39	4.69	5.23	3.56	2.69	2.87	39.55
1906	3.01	0.95	4.06	1.73	3.49	3.31	4.24	6.58	2.57	3.36	1.71	3.46	38.47
1907	5.37	0.88	6.02	3.00	5.13	3.63	8.96	2.30	4.61	2.59	1.73	3.75	47.97
1908	1.96	4.41	6.56	2.53	4.09	2.92	4.48	2.48	0.48	1.06	1.20	2.94	35.11
Mns	2.83	3.08	3.96	2.90	3.56	4.21	4.76	3.18	2.76	2.04	2.74	3.03	39.05

Marietta, Washinton County

Elevation, 627 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1817	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.45	1.00	.....
1818	2.50	3.00	3.70	2.30	5.90	2.45	8.87	5.30	7.10	3.70	2.10	4.00	50.92
1819	3.20	3.30	5.57	1.48	4.54	2.20	3.26	6.31	1.10	2.25	0.70	2.39	36.30
1820	1.46	5.79	2.95	3.93	3.50	3.80	4.73	1.53	0.20	4.73	2.66	3.83	39.11
1821	1.35	4.94	3.70	4.24	3.01	3.68	4.52	6.50	6.05	1.41	2.60	1.32	43.32
1822	1.31	1.65	2.18	5.11	2.35	4.09	4.80	2.15	4.45	4.31	8.59	2.39	43.38
1823	4.42	1.28	6.21	2.86	5.08	8.07	6.91	3.20	2.03	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1826	2.40	3.65	6.50	4.60	2.00	6.00	5.70	1.55	1.35	3.00	2.15	2.70	41.60
1827	1.65	6.38	2.83	3.33	3.00	3.09	4.00	3.25	1.05	3.33	1.05	8.50	41.46
1828	4.04	6.75	2.13	6.50	6.58	4.92	5.08	3.00	3.42	2.50	3.42	1.16	49.50
1829	2.75	2.33	2.04	4.00	1.08	4.00	2.12	5.54	4.00	3.16	4.00	4.50	39.52
1830	1.58	1.63	5.00	1.00	3.80	5.84	3.50	0.75	4.25	1.91	3.67	4.33	37.26
1831	4.04	2.50	2.92	2.85	4.25	7.00	12.12	7.58	3.58	3.70	1.25	1.75	53.54
1832	4.50	10.25	1.33	2.00	3.16	2.85	3.08	7.92	2.08	2.75	3 75	4.66	48.33
1833	3.13	3.42	1.92	0.83	5.75	4.80	6.84	0.25	3.30	3.17	3.88	3.08	40.37
1834	5.37	2.42	1.58	1.83	1.75	5.50	5.08	1.33	0.67	3.75	3.25	2.13	34.66
1835	2.42	1.50	2.00	3.87	3.13	5.50	2.58	6.54	2.75	4.80	5.50	1.87	42.46
1836	2.55	1.80	2.80	3.87	6.63	2.04	3.92	3.16	3.16	2.08	2.50	2.25	36.76
1837	0.42	1.80	3.00	1.17	4.08	7.84	5.13	4.84	4.23	4.25	3.30	3.80	43.86
1838	2.12	1.79	2.25	4.45	5.71	6.92	0.96	3.50	1.33	1.95	3.42	1.08	35.48
1839	2.30	2.00	2.25	1.44	4.46	4.33	6.04	2.04	3.25	0.25	2.50	2.46	33.32
1840	2.33	3.08	3.21	4.25	5.21	4.25	2.17	5.25	2.00	3.92	1.92	1.50	39.09
1841	3.87	1.31	3.42	5.80	3.37	4.30	3.50	3.17	3.37	1.83	3.50	5.38	42.82
1842	2.42	3.12	2.66	3.04	4.21	7.30	2.37	6.08	3.21	1.58	3.04	3.04	42.07
1843	1.84	2.17	3.70	4.75	2.96	4.21	1.33	1.91	9.25	4.43	2.63	2.58	41.76
1844	2.42	1.08	2.83	0.70	5.75	4.12	7.75	2.17	2.87	3.54	2.54	0.87	36.64
1845	2.58	1.50	2.67	2.50	1.33	6.55	3.22	2.00	4.38	2.80	3.04	1.33	33.90
1846	3.25	2.33	2.37	2.04	1.37	7.04	6.20	6.00	1.68	4.00	3.55	6.44	46.27
1847	3.66	2.88	4.30	2.54	1.75	2.77	6.80	2.80	4.84	6.42	2.70	10.84	52.30
1848	2.04	1.33	3.00	1.38	5.66	3.25	8.05	4.86	1.08	3.09	2.86	6.58	43.18
1849	4.09	2.58	4.37	2.50	5.92	4.42	1.21	3.50	2.63	3.92	2.58	5.17	42.89
1850	5.25	3.41	4.50	3.17	3.25	4.84	4.41	6.91	4.66	2.54	2.42	7.00	52.36
1851	0.50	4.88	1.44	3.04	6.00	2.60	2.40	3.60	2.38	1.68	4.00	2.42	34.94
1852	2.08	3.66	4.30	7.58	4.21	5.70	3.84	3.50	1.08	2.30	4.50	3.75	46.50
1853	2.20	4.92	0.88	5.92	3.21	0.88	4.12	2.83	2.80	4.29	2.83	2.16	37.04
1854	3.25	2.33	4.25	5.42	2.12	3.66	2.04	3.66	2.16	4.62	2.29	3.00	38.80
1855	2.50	1.50	2.67	2.08	5.17	5.68	6.00	3.09	8.00	1.85	3.55	3.66	45.75
1856	2.75	1.66	1.34	2.25	4.16	5.25	2.50	2.75	1.17	2.42	4.00	2.21	32.46
1857	1.55	1.50	1.30	3.08	5.16	4.08	4.87	5.21	1.63	2.58	4.84	4.84	40.64
1858	1.66	3.41	1.00	5.00	12.42	3.09	5.33	7.42	1.37	7.66	4.82	8.66	61.84
1859	3.10	7.20	5.08	6.46	1.56	4.62	1.08	4.46	4.95	2.79	2.08	5.17	48.55
1860	3.25	1.23	1.08	5.30	2.88	2.09	5.87	3.85	3.26	4.03	4.01	2.08	38.93
1861	2.70	2.32	2.28	6.37	5.62	3.96	5.14	3.03	4.31	4.43	4.63	1.62	46.41
1862	7.37	2.82	3.39	7.67	3.78	2.53	3.52	3.64	0.29	2.57	2.05	3.07	42.70
1863	6.64	2.77	4.03	1.93	1.98	2.14	3.22	1.94	2.34	4.69	2.81	2.57	37.06
1864	1.41	2.08	4.04	3.54	4.17	2.02	1 95	7.57	3.13	2.85	3.92	4.26	40.94
1865	3.83	2.96	5.84	3.47	8.09	4.97	5.89	3.30	3.95	1.46	1.35	3.73	48.84
1866	3.94	3.45	3.91	3.87	0.95	4.56	4.52	4.16	7.70	2.95	3.52	3.74	47.27
1867	2.98	5.27	5.86	2.50	6.04	2.74	5.05	4.06	0.60	4.47	1.94	5.20	46.71
1868	2.94	1.37	5.17	4.12	4.63	3.38	6.45	4.78	10.31	1.87	2.48	2.56	50.06
1869	4.62	3.66	3.94	3.40	2.35	4.72	4.96	2.71	5.14	1.28	3.16	2.92	42.86
1870	5.28	2.93	4.86	3.91	1.84	5.13	6.37	2.90	0.93	2.18	1.89	1.96	40.18
1871	2.44	2.71	1.46	2.01	2.71	2.78	5.36	3.32	1.54	1.46	1.43	1.77	28.99
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1873	2.32	4.58	4.20	2.87	3.43	2.24	8.04	4.32	2.45	5.57	2.92	5.04	47.98
1874	5.45	3.44	2.57	4.59	0.23	2.00	6.08	2.48	2.19	0.47	4.19	5.88	39.57
1875	2.59	2.17	5.34	1.79	2.34	3.39	10.56	4.61	2.18	3.17	4.07	3.84	46.05
1876	4.76	2.99	4.47	1.99	5.64	2.76	7.29	5.08	7.65	1.71	2.10	1.74	48.18
1877	4.24	0.47	4.20	2.32	3.11	2.95	5.30	0.98	2.50	1.55	3.47	3.32	34.41
1878	2.24	2.33	1.80	1.85	2.86	2.64	1.95	3.13	7.52	3.16	4.59	3.46	37.53
1879	2.26	1.99	4.56	0.69	1.44	3.78	4.40	4.67	2.68	0.80	1.29	1.94	30.50
1880	3.69	5.02	4.44	7.03	4.35	3.80	1.77	4.59	2.77	2.67	3.07	3.16	46.36
1881	1.21	2.30	2.98	2.55	1.80	1.35	5.42	0.40	4.02	5.13	2.45	7.17	36.78
1882	8.13	5.70	6.09	4.70	6.90	8.64	4.94	5 76	3.18	2.30	1.41	2.21	59.96
1883	2.80	6.95	2.66	4.77	5.44	3.29	5.32	1.35	2.75	4.06	2.27	5.15	46.81
1884	5.61	5.30	5.32	2.63	3.19	3.85	2.47	0.84	1.56	1.17	1.87	4.73	38.54
1885	6.22	2.39	1.21	2.69	4.15	2.30	2.42	8.99	1.92	4.83	2.70	1.86	41.68
1886	5.18	1.64	5.16	2.32	5.53	3.96	2.78	2.76	3.27	0.85	4.97	2.61	42.14
1887	2.54	7.57	1.38	5.65	3.07	5.81	1.12	2.56	2.30	0.55	2.19	2.48	37.22
1888	4.63	1.30	3.99	3.06	2.97	2.24	10.48	11.55	4.64	5.04	4.07	1.45	55.42
1889	3.28	2.44	1.09	2.79	3.07	4.04	9.50	1.81	3.18	1.77	5.46	2.52	40.95
1890	4.96	4.96	6.62	3.29	5.20	5.31	3.16	5.24	8.87	5.14	2.56	5.68	60.99
1891	3.84	4.97	4.73	2.08	2.29	4.02	5.31	3.21	2.40	1.69	3.36	2.86	40.76
1892	3.27	3.33	2.14	3.02	5.50	4.56	2.81	2.15	3.05	0.69	1.89	2.42	34.83
1893	2.80	6.08	1.39	5.32	4.53	4.08	1.87	3.92	1.19	5.14	2.06	2.11	40.49
1894	2.70	3.62	2.00	3.07	3.25	3.51	0.42	2.19	2.13	1.60	1.89	4.09	30.47
1895	5.43	0.87	3.10	1.17	1.64	2.37	1.47	2.62	2.08	1.33	1.98	2.55	26.61
1896	1.83	2.28	4.46	2.69	2.74	5.81	7.77	5.52	3.02	2.49	2.92	1.70	43.23
1897	1.51	6.36	4.30	3.77	4.20	3.39	7.03	1.89	0.29	0.05	5.39	3.23	41.41
1898	5.74	2.39	6.03	2.30	2.77	5.04	5.20	5.31	3.69	4.24	3.15	2.21	48.07
1899	3.64	3.52	6.04	1.36	4.15	5.82	5.36	2.15	4.76	1.80	2.03	3.10	43.73
1900	2.88	3.71	2.34	1.55	2.35	5.09	7.17	3.70	0.86	1.27	5.46	2.05	38.43
1901	1.09	0.86	2.60	7.13	4.42	6.48	2.92	3.38	1.92	0.06	2.15	4.61	37.62
1902	2.52	2.61	3.60	2.79	4.60	8.26	3.00	3.49	2.95	1.73	3.08	5.48	44.11
1903	3.17	7.17	5.15	4.20	4.48	4.68	3.33	2.25	1.34	2.47	1.83	1.89	41.96
1904	1.86	1.82	4.35	2.48	2.64	3.35	3.16	0.71	1.40	1.28	0.14	2.82	26.01
1905	1.71	1.63	4.24	3.65	5.65	3.98	3.22	4.66	4.26	6.96	3.14	3.28	46.38
1906	2.88	1.84	4.27	3.01	2.86	4.51	3.55	4.18	2.57	3.41	2.22	5.33	40.63
1907	7.87	1.81	6.05	2.69	3.55	6.88	10.37	3.23	3.93	2.04	1.67	3.05	53.14
1908	1.34	3.55	5.90	4.19	4.32	1.21	3.02	2.53	0.61	2.06	1.10	2.70	32.53
Mns	3.21	3.18	3.51	3.38	3.87	4.23	4.63	3.76	3.14	2.87	2.99	3.43	42.20

Hackney, Morgan County

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1892	.....	.....	.....	.....	.....	.....	.....	0.76	1.90	0.16	.....	2.48	.....
1893	3.04	6.19	2.16	6.06	4.85	3.80	1.30	3.80	3.20	5.85	1.46	2.59	44.30
1894	1.82	3.65	2.36	2.79	2.98	2.59	0.37	1.48	2.39	1.94	1.58	3.92	27.87
1895	4.27	1.15	1.42	2.23	1.36	1.23	1.07	3.50	2.39	1.41	1.98	3.66	25.67
1896	1.89	2.97	4.43	2.80	3.14	6.60	10.27	3.45	5.96	1.72	1.77	2.33	47.33
1897	1.53	5.91	4.42	3.55	3.66	5.36	5.14	1.67	0.50	0.17	7.94	2.56	42.41
1898	7.42	1.93	4.87	2.69	3.03	.....	3.01	4.03	1.94	2.10	2.56	2.79	.....
1899	3.60	2.70	5.01	1.09	3.05	4.49	6.78	1.20	4.45	.....	.....	.....	.....
Mns	3.37	3.50	3.52	3.03	3.15	4.01	3.99	2.49	2.84	1.91	2.88	2.90	37.59

Killbuck, Holmes County

Elevation, 1,087 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1892	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.98	1.27	1.62	.....
1893	2.29	5.97	2.39	7.43	4.57	3.50	2.65	2.11	1.86	3.82	2.19	3.09	41.87
1894	2.09	2.87	2.00	2.16	4.78	1.04	0.64	0.70	3.48	1.86	2.14	2.26	26.02
1895	4.13	0.39	1.99	1.37	1.48	2.15	1.90	4.27	3.20	0.99	4.31	4.18	30.36
1896	1.63	2.33	2.66	3.74	3.50	5.59	9.18	2.98	5.15	1.87	2.84	3.12	44.59
1897	2.12	3.28	4.03	3.23	2.74	2.92	7.17	3.55	1.03	1.23	6.64	2.41	40.35
1898	2.63	2.14	6.69	3.06	4.70	2.35	6.56	3.89	3.26	3.41	3.23	2.30	44.22
1899	1.75	0.89	4.51	1.35	4.74	2.82	3.20	0.82	3.23	1.81	1.25	2.68	29.05
1900	1.84	3.38	2.97	2.13	1.48	3.94	4.90	5.95	1.68	1.86	4.19	1.32	35.64
1901	0.84	1.24	2.66	2.11	3.53	4.16	2.69	4.98	3.02	0.17	0.64	2.51	28.55
1902	1.35	1.08	2.89	1.58	3.10	3.21	5.66	1.41	3.17	1.29	2.61	**4.24**	31.59
1903	1.38	4.76	3.89	3.61	3.06	3.73	2.67	2.38	1.01	2.11	1.79	2.52	32.91
1904	4.41	3.30	6.95	4.20	3.75	4.37	5.76	1.83	0.94	1.65	0.46	3.59	41.21
1905	2.17	1.37	3.50	2.67	6.91	4.33	4.90	6.09	4.82	3.88	2.37	2.32	45.33
1906	1.88	1.31	4.32	2.80	2.77	5.00	5.22	5.61	**5.16**	3.41	2.53	**3.79**	43.80
1907	6.77	0.86	6.59	2.84	3.46	3.96	5.14	2.22	1.72	1.38	1.75	3.36	40.05
1908	**1.74**	**4.39**	**4.91**	3.75	3.65	2.02	5.12	3.98	1.14	1.43	1.36	2.13	35.62
Mns	2.44	2.47	3.93	3.00	3.64	3.44	4.58	3.30	2.74	1.95	2.45	2.79	36.73

Levering, Knox County

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1882	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.74	2.80	.....
1883	3.31	7.43	3.18	2.23	6.10	4.37	4.49	1.10	4.25	4.27	3.56	5.21	49.50
1884	2.75	5.73	3.61	1.54	3.91	5.49	3.59	0.65	5.31	1.73	1.44	3.36	39.11
1885	2.50	1.14	0.97	3.01	3.92	3.57	2.03	6.99	1.47	2.08	2.87	1.40	31.95
1886	3.85	0.76	.....	.....	.....	.....	.....	3.18	4.50	1.64	4.93	3.55	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1892	.....	.....	.....	.....	.....	.....	.....	2.99	1.69	0.50	2.31	2.25	.....
1893	3.02	6.43	2.30	8.17	4.33	3.35	2.50	0.89	1.71	3.42	2.31	2.52	40.95
1894	2.05	3.37	2.78	2.10	5.36	3.44	2.14	0.72	1.53	1.59	2.66	2.58	30.32
1895	3.17	0.70	1.80	2.61	2.32	4.15	2.20	3.48	2.15	1.25	4.39	4.26	32.48
1896	1.47	1.04	2.77	3.19	3.99	3.45	8.90	3.61	6.95	1.04	2.62	2.92	41.95
1897	1.78	2.32	3.79	2.64	3.87	3.45	3.44	2.17	0.66	0.62	8.29	2.57	35.60
1898	5.29	2.74	8.74	3.85	5.15	3.40	3.04	5.06	2.96	4.18	5.52	2.63	52.56
1899	3.84	1.50	4.86	1.08	4.45	6.05	6.45	3.97	3.22	2.37	2.19	3.19	43.17
Mns	3.00	3.01	3.48	3.04	4.34	4.07	3.88	2.90	3.03	2.06	3.60	3.02	39.43

Milfordton, Knox County

Elevation, 1,200 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1892	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.84	1.90	1.64	.....
1893	2.08	2.45	0.34	6.78	3.42	4.90	2.90	0.92	1.36	2.84	0.71	2.58	31.28
1894	1.91	3.34	2.91	1.88	4.62	3.64	1.78	0.96	2.84	1.90	2.36	3.06	31.20
1895	4.90	0.51	2.04	2.51	1.45	2.12	1.03	2.68	2.01	0.99	3.73	3.42	27.39
1896	1.83	1.56	3.31	2.16	2.31	4.91	7.77	3.65	6.15	1.09	3.07	2.93	40.74
1897	1.64	3.03	5.68	3.10	3.12	2.59	4.82	1.65	1.07	0.68	6.48	2.30	36.16
1898	5.21	2.56	8.26	3.53	5.28	2.96	3.00	3.84	1.58	3.98	3.90	2.52	46.62
1899	2.93	1.97	4.52	1.25	3.74	2.55	3.87	1.45	2.54	2.44	1.37	2.78	31.41
1900	2.24	2.65	3.17	2.10	1.45	2.45	5.33	4.76	2.43	1.62	2.42	1.33	31.95
1901	2.51	1.16	3.23	2.06	4.09	3.94	1.48	3.10	3.19	0.48	0.91	4.15	30.90
1902	0.75	1.15	3.60	2.04	2.34	6.61	6.33	2.63	4.76	1.78	2.78	4.16	38.93
1903	3.54	6.07	4.46	4.16	4.38	2.37	2.19	1.29	2.58	1.97	2.51	3.46	38.98
1904	4.37	2.74	7.03	4.37	3.54	3.96	4.67	3.97	1.44	2.90	0.17	3.40	42.56
1905	1.78	1.06	2.63	3.39	7.23	4.12	2.94	4.89	4.59	3.38	2.20	2.12	40.33
1906	1.58	1.31	4.25	1.33	2.74	2.73	5.05	7.01	3.20	3.04	2.58	3.58	38.40
1907	6.44	1.31	6.91	3.13	3.79	4.44	9.72	1.71	2.62	0.95	1.67	3.80	46.49
1908	1.84	3.93	6.25	3.22	9.13	3.19	3.35	0.85	0.35	1.59	0.74	2.26	36.70
Mns	2.85	2.30	4.29	2.94	3.91	3.59	4.14	2.84	2.67	1.91	2.32	2.95	36.71

Milnersville, Guernsey County

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1862	.....	.....	.....	.....	.....	3.50	2.06	0.25	0.92	1.60	2.45	1.80	.....
1863	.....	4.06	0.68	**2.29**	0.94	1.25	1.41	1.01	3.31	2.53	1.87	1.65	.....
1864	2.06	1.55	3.56	3.20	**3.78**	1.81	0.60	7.39	3.95	0.33	2.33	3.66	34.22
1865	2.63	0.80	4.38	2.88	2.94	1.78	3.90	2.62	4.47	1.26	0.83	3.02	31.51
1866	2.05	1.81	1.86	1.27	1.15	5.41	3.90	3.34	8.02	2.40	3.38	3.34	37.93
1867	**2.20**	1.86	1.72	2.20	**5.12**	2.85	2.79	2.23	**0.45**	2.33	**1.62**	3.55	28.92
1868	1.89	1.12	3.97	1.42	3.24	1.74	2.65	1.53	5.33	**1.20**	1.86	**1.63**	27.58
1869	5.05	2.85	3.24	1.36	2.96	6.31	4.33	0.42	8.10	**2.90**	4.20	1.67	43.39
1870	3.30	1.30	5.20	2.37	2.55	4.26	4.90	3.60	3.00	3.80	1.40	0.58	36.26
1871	0.85	**2.44**	**1.67**	2.70	4.85	3.85	7.05	5.70	**1.20**	0.90	.....	1.29	.....
1872	0.50	1.58	1.70	.....	1.50	.....	6.40	3.15	2.70	2.00	1.59	2.65	.....
1873	2.75	2.22	3.30	2.85	2.80	.....	7.70	2.65	1.65	4.50	2.30	4.50	.....
1874	5.00	4.65	1.35	4.45	0.40	.....	.....	.....	.....	.....	.....	.....	.....
Mns	2.57	2.19	2.72	2.45	2.69	3.28	3.97	2.82	3.59	2.15	2.17	2.44	33.04

McConnelsville, Morgan County

Elevation, 710 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1884	.....	.....	.....	2.41	3.87	1.80	3.63	1.06	2.23	1.13	1.89	4.35	.....
1885	5.28	2.33	0.81	2.91	2.32	2.51	2.66	9.62	3.49	4.38	3.01	1.75	41.07
1886	4.03	1.50	3.04	3.03	3.85	5.10	4.96	2.92	4.04	1.08	6.16	1.89	41.60
1887	1.74	6.94	1.76	5.86	3.40	4.35	3.62	0.55	1.65	0.52	2.74	2.15	35.28
1888	4.13	1.65	2.12	1.90	4.46	2.86	5.25	6.17	4.68	5.04	4.81	1.64	44.71
1889	3.43	2.00	0.93	2.35	3.19	4.45	4.22	0.91	3.82	2.09	4.37	2.42	34.18
1890	5.44	5.08	5.33	2.53	**5.90**	8.23	2.61	7.95	6.55	3.74	3.08	3.68	60.12
1891	5.68	6.92	3.56	1.94	3.76	7.38	6.99	3.44	2.04	1.50	3.01	1.69	47.91
1892	2.37	2.93	2.41	2.04	5.84	5.92	5.24	2.07	1.85	0.43	1.96	2.53	35.59
1893	2.31	4.96	1.99	5.25	4.48	4.62	2.16	2.74	1.86	5.65	1.92	2.73	40.67
1894	2.19	3.35	2.10	3.14	2.52	2.81	0.69	3.14	2.09	1.67	1.82	3.98	29.50
1895	5.49	0.91	1.89	1.54	2.58	1.69	1.23	3.85	2.22	1.73	2.17	4.05	29.35
1896	1.92	2.19	3.35	3.12	1.95	6.44	8.89	3.11	3.79	1.72	3.14	1.13	40.75
1897	2.21	6.73	4.24	3.51	3.68	4.94	5.20	2.06	0.77	0.56	7.24	4.96	46.10
1898	6.87	3.70	6.54	3.33	4.40	4.14	2.78	5.35	2.39	3.53	2.88	2.81	48.72
1899	2.94	2.87	5.22	1.64	4.18	3.43	5.60	1.75	5.85	1.41	1.58	3.38	39.85
1900	2.73	3.56	2.01	0.97	2.48	2.60	3.44	3.34	1.11	1.55	5.56	1.63	30.98
1901	1.41	1.17	2.78	6.91	5.81	8.64	5.40	3.42	1.83	0.27	1.79	4.65	44.08
1902	2.01	1.85	3.05	2.76	2.25	7.27	3.42	1.65	4.06	2.67	2.53	4.86	38.38
1903	2.59	4.60	4.85	4.13	2.86	3.27	3.74	1.04	0.23	2.65	1.94	2.08	33.98
1904	2.44	1.91	5.32	3.33	4.79	3.37	1.29	3.03	1.60	1.58	0.41	3.65	32.72
1905	1.67	0.56	3.98	3.03	6.23	2.82	3.79	2.49	2.92	5.25	2.80	3.32	38.86
1906	3.40	1.17	4.16	2.28	1.93	4.69	5.50	4.68	4.02	3.56	1.63	3.62	40.64
1907	5.86	1.12	7.98	3.34	3.14	3.19	10.79	2.75	5.61	2.10	1.38	2.35	49.61
1908	2.17	2.01	5.84	4.21	5.33	1.40	5.76	1.63	0.36	1.62	1.14	2.27	33.74
Mns	3.35	3.00	3.55	3.10	3.81	4.32	4.35	3.23	2.84	2.30	2.84	2.94	39.63

Milligan, Perry County

Elevation, 875 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1893	1.91	5.84	1.20	5.52	2.33	4.34	3.91	2.44	2.27	5.44	1.91	2.18	39.29
1894	2.04	3.21	2.07	2.45	3.49	2.53	1.70	1.85	2.20	1.41	1.73	3.89	28.57
1895	4.15	0.78	1.46	1.48	1.91	1.55	2.47	3.75	2.68	1.69	2.18	2.90	27.00
1896	1.61	1.94	3.95	2.83	2.92	6.35	8.48	1.88	4.77	1.65	2.92	0.92	40.22
1897	1.47	6.25	4.06	3.38	2.23	3.11	9.44	2.37	0.61	0.35	6.99	2.09	42.35
1898	5.78	2.81	5.41	3.62	4.97	2.44	4.22	4.33	1.67	3.65	2.13	2.28	43.31
1899	2.33	2.00	4.34	1.65	3.62	4.98	4.83	2.40	4.37	2.02	1.49	2.73	36.76
1900	2.11	2.60	3.10	1.15	2.46	3.51	2.22	3.06	0.92	1.17	4.06	1.12	27.48
1901	1.24	0.97	2.44	5.14	3.78	10.01	1.54	3.28	2.16	0.10	1.25	4.25	36.16
1902	1.67	1.15	2.76	2.37	3.88	9.36	3.32	1.50	2.46	2.33	2.26	5.52	38.58
1903	3.88	5.42	3.47	2.76	3.96	3.21	2.25	1.68	0.33	1.98	1.92	2.41	33.27
1904	2.29	2.09	5.09	3.20	4.12	4.82	3.31	3.31	1.72	2.22	0.30	3.38	35.85
1905	1.62	1.54	4.12	2.61	5.05	3.39	2.76	4.25	3.21	5.76	3.01	3.01	40.33
1906	3.06	0.99	4.42	2.07	1.99	3.79	3.81	3.81	1.93	4.48	1.49	4.31	36.15
1907	5.95	0.76	9.01	4.36	3.94	3.46	6.02	2.56	3.82	2.22	1.27	3.50	46.87
1908	1.77	3.46	6.49	4.01	3.61	1.24	3.96	2.29	0.26	1.21	1.01	2.54	31.85
Mns	2.68	2.61	3.96	3.04	3.39	4.26	4.02	2.80	2.21	2.36	2.24	2.94	36.51

Nellie, Coshocton County

Elevation, 800 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1894	.....	.....	.....	.....	.....	.....	.....	0.24	2.72	1.41	1.97	4.46	.....
1895	3.29	0.20	1.03	1.38	1.74	3.05	2.12	**4.22**	2.17	0.66	3.24	3.98	27.08
1896	1.72	1.41	1.41	3.60	1.88	6.76	7.27	2.34	4.05	**1.17**	**3.15**	0.77	35.53
1897	0.67	.....	.....	.....	.....	.....	.....	2.07	0.58	0.52	6.47	2.71	.....
1898	4.45	2.35	8.47	2.91	5.60	2.76	5.77	3.99	1.60	5.12	3.40	2.35	48.77
1899	3.06	1.70	4.96	1.22	6.17	3.44	4.27	4.08	3.58	1.76	1.26	2.70	38.20
1900	2.13	3.65	2.77	2.48	2.11	2.85	6.04	8.71	1.91	1.51	3.62	1.27	39.05
1901	1.92	1.06	2.14	3.58	4.33	3.62	2.34	9.06	2.67	0.58	1.26	3.64	36.20
1902	1.04	0.81	3.20	1.76	1.70	5.41	6.20	1.73	2.33	1.55	3.03	4.32	33.08
1903	2.75	5.13	4.41	4.45	2.27	4.35	1.44	0.97	1.34	2.11	2.15	2.38	33.75
1904	**3.90**	3.30	5.62	4.27	3.61	4.65	6.37	2.23	0.84	1.67	0.53	2.42	39.41
1905	1.68	1.39	2.76	2.88	7.34	3.69	5.79	4.29	3.55	**4.05**	3.21	2.02	42.65
1906	1.76	0.81	3.81	3.30	3.43	3.44	5.98	6.15	3.95	3.11	2.61	3.47	41.82
1907	5.13	.....	7.26	3.47	2.63	4.07	5.12	.....	2.35	.....	0.99	3.65	.....
1908	1.63	4.64	6.85	3.71	3.84	2.01	5.29	.....	.....	.....	1.56	2.30	.....
Mns	2.51	2.20	4.21	3.00	3.59	3.85	4.92	3.85	2.40	1.94	2.56	2.83	37.86

Note.—The record from August, 1894, to December, 1903, inclusive, is that of Warsaw, only a few miles distant.

Philo, Muskingum County

Elevation, 1,018 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1895	.....	.....	.....	.....	.....	1.28	1.99	4.13	1.86	1.45	2.70	3.36	.....
1896	1.78	1.81	2.64	4.65	2.09	6.36	9.02	2.98	4.76	1.20	2.47	0.86	40.62
1897	1.04	4.66	4.55	3.19	3.21	2.93	7.00	1.51	1.66	0.40	7.29	1.59	39.03
1898	6.84	2.62	5.77	3.80	5.26	3.24	5.60	5.87	1.61	3.55	3.05	2.45	49.66
1899	2.03	2.16	4.55	0.96	4.45	5.08	4.71	1.39	4.37	2.40	1.10	2.86	36.06
1900	2.03	2.79	2.62	1.42	2.78	1.71	2.50	2.23	0.32	1.00	2.36	0.79	22.55
1901	0.67	0.72	2.03	5.60	7.56	5.79	2.55	3.97	1.66	0.13	0.88	3.72	35.28
1902	1.36	0.80	2.18	1.94	1.99	8.95	5.15	1.32	3.14	2.30	2.85	4.99	36.97
1903	3.32	7.13	4.17	4.08	1.23	2.54	2.91	1.52	0.43	2.01	1.72	1.61	32.67
1904	1.76	0.75	2.44	2.41	3.47	2.50	3.25	2.56	2.13	2.38	0.06	3.00	26.71
1905	1.24	0.92	3.55	2.25	4.95	3.34	2.01	4.54	4.30	4.52	2.84	2.20	36.66
1906	1.65	0.59	**4.51**	1.17	1.92	2.90	3.49	2.12	2.02	2.69	0.81	1.90	25.77
1907	5.01	1.00	8.53	4.37	3.70	5.07	11.29	2.93	5.61	1.18	1.51	2.41	52.61
1908	1.39	2.95	6.90	3.85	4.07	0.90	3.56	1.61	0.41	1.33	1.09	2.07	30.13
Mns	2.32	2.22	4.19	3.05	3.59	3.76	4.64	2.76	2.45	1.90	2.20	2.42	35.50

Millport, Columbiana County
Elevation, 1,145 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1892	.....	.....	.....	.....	.....	.....	.....	2.24	2.36	0.77	1.61	.....	.....
1893	**2.24**	5.54	2.21	5.70	4.96	3.20	2.59	2.86	1.09	5.64	1.22	2.84	40.09
1894	2.37	2.44	1.98	2.25	5.04	1.88	2.00	0.30	4.95	2.26	2.72	2.20	30.39
1895	4.10	0.75	2.05	1.11	1.66	**2.32**	**3.18**	5.10	1.86	1.26	3.31	4.08	30.78
1896	1.64	2.97	3.04	3.12	1.71	4.43	7.49	3.61	3.60	1.20	1.85	2.52	37.18
1897	2.33	2.99	3.76	3.18	3.23	2.22	4.77	1.85	0.76	T.	6.20	2.65	33.94
1898	4.47	2.42	6.33	2.13	3.86	7.05	5.29	7.55	1.35	4.33	3.12	3.20	51.10
1899	2.61	2.69	4.60	3.35	4.77	2.77	5.26	1.51	3.49	1.78	2.12	3.61	38.56
1900	2.23	3.32	3.15	1.52	1.76	3.71	4.89	3.81	**2.83**	1.46	4.22	1.68	34.58
1901	1.65	0.84	3.33	7.39	3.09	6.00	2.03	4.01	3.77	0.35	2.28	3.73	38.47
1902	1.11	1.44	3.13	2.19	3.12	5.71	5.52	3.26	3.80	1.84	1.79	4.46	37.37
1903	2.85	4.22	4.44	2.64	1.87	3.86	5.64	4.27	0.40	2.55	1.90	1.67	36.31
1904	3.63	3.11	4.70	4.33	2.85	3.46	3.49	3.25	1.26	1.74	0.64	1.86	34.32
1905	1.67	1.52	1.38	2.24	3.64	6.22	5.83	3.87	3.16	4.20	2.08	2.39	38.20
1906	1.99	1.35	3.97	2.00	**1.85**	3.31	3.84	4.03	**2.55**	2.70	2.60	3.06	33.25
1907	5.24	1.16	4.78	3.29	**2.39**	2.91	3.72	1.56	3.23	1.24	1.55	2.19	33.26
1908	1.90	2.32	5.09	2.91	3.19	1.81	2.88	2.00	0.45	1.61	0.88	2.54	27.58
Mns	2.63	2.44	3.62	3.08	3.06	3.80	4.28	3.24	2.41	2.05	2.36	2.79	35.76

New Alexandria, Jefferson County
Elevation, 1,050 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1885	.....	.....	.....	2.30	4.65	4.16	2.44	6.84	2.13	5.29	2.66	2.97	.....
1886	5.04	3.25	3.94	4.46	3.11	6.31	6.05	3.34	5.07	1.10	6.03	3.55	51.65
1887	2.67	5.27	1.33	2.60	2.11	5.55	2.39	2.40	1.98	0.87	2.40	2.38	31.95
1888	5.91	1.58	3.13	1.15	3.51	1.97	6.42	8.38	3.01	4.12	4.30	1.58	45.06
1889	3.60	2.20	1.90	3.03	3.46	3.35	4.84	1.12	2.47	1.55	4.63	2.67	34.82
1890	5.04	5.82	5.47	4.51	4.63	3.67	3.22	5.48	7.01	6.00	1.83	5.85	58.53
1891	3.86	7.04	3.77	2.07	4.46	3.52	4.98	2.85	1.36	1.06	2.68	3.05	40.70
1892	4.77	2.54	3.18	3.22	5.40	4.43	6.17	0.98	1.80	0.90	1.97	2.55	37.91
1893	3.08	7.38	1.95	5.95	3.71	2.97	3.46	5.36	1.06	4.71	1.44	3.58	44.65
1894	2.22	4.30	2.73	4.71	5.58	1.04	0.67	1.02	3.00	2.18	2.50	5.99	35.94
1895	6.24	2.22	4.12	2.60	1.43	1.65	3.33	4.06	1.71	0.98	2.41	5.59	36.34
1896	2.78	3.18	**4.16**	4.66	3.15	5.31	11.28	3.25	4.11	1.60	3.85	2.55	49.88
1897	2.05	4.10	4.40	3.67	2.81	5.07	5.61	2.18	1.42	0.00	7.46	3.35	42.12
1898	5.28	2.67	6.25	2.90	5.77	5.19	4.41	7.21	2.55	3.35	2.40	2.10	50.08
1899	3.65	3.50	4.50	1.90	4.95	3.45	4.20	1.00	3.65	2.60	1.80	3.00	38.20
1900	2.02	4.20	3.35	2.40	2.25	3.60	4.65	4.48	1.05	1.31	4.00	1.50	34.81
1901	2.90	0.30	3.05	7.56	4.57	5.25	2.95	3.15	2.30	0.20	0.75	4.75	37.73
1902	0.90	2.15	3.80	3.20	2.75	5.15	6.50	2.30	2.51	2.60	1.50	5.00	38.36
1903	**2.53**	7.50	4.70	3.40	1.90	4.10	4.70	2.55	0.65	2.40	3.84	3.07	41.34
1904	3.50	3.80	5.80	**4.05**	3.70	5.12	3.55	3.32	1.06	3.55	0.45	4.00	41.90
1905	2.55	1.45	3.55	2.90	4.73	6.10	4.25	2.85	4.02	3.83	2.72	1.75	40.70
1906	2.10	1.95	2.30	2.30	1.55	6.70	5.37	6.30	3.60	3.05	1.58	2.80	39.60
1907	3.58	0.90	6.35	4.05	3.85	4.65	7.07	1.57	5.70	3.10	1.45	2.70	44.97
1908	2.35	2.30	7.05	5.70	3.30	1.57	6.18	3.60	0.82	2.68	1.10	3.30	39.95
Mns	3.42	3.46	3.95	3.55	3.64	4.16	4.78	3.57	2.67	2.46	2.74	3.32	41.76

Quaker City, Guernsey County
Elevation, 915 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1858	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.25	6.13	7.90	.....
1859	1.31	5.00	5.00	8.25	4.88	6.12	4.06	5.31	5.19	.....	.....	.....	.....
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1882	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.87	1.00	.....
1883	4.04	7.68	3.61	4.56	5.23	3.64	7.23	1.51	2.38	3.84	3.81	5.55	53.08
1884	4.76	8.19	6.05	1.82	3.81	3.18	3.75	0.91	2.40	1.91	1.64	5.01	43.43
1885	4.98	2.23	1.57	2.65	3.21	3.39	2.39	9.86	2.73	4.92	3.06	2.22	43.21
1886	4.72	1.39	4.26	2.55	4.48	4.70	6.84	5.50	4.65	1.46	6.20	2.83	49.58
1887	2.26	6.46	1.46	3.53	5.70	3.47	4.61	1.64	2.63	0.99	3.06	2.60	38.41
1888	5.28	2.74	3.25	1.64	3.63	4.11	7.32	8.52	.....	.....	.....	2.66	.....
1889	3.66	1.77	1.38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1890	.....	.....	.....	...	.....	.....	.....	.....	.....	3.66	.....	3.10	....
1891	2.60	4.67	2.91	.....	.....	.....	.....	.....	.....	.....	.....	...	.....
Mns	3.73	4.46	3.28	3.57	4.42	4.09	5.17	4.75	3.33	3.15	3.68	3.65	47.28

Note.—The record from October, 1858, to September, 1859, inclusive, is that of Barnesville, about eight miles to the east.

New Comerstown, Tuscarawas County
Elevation, 800 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1886	.....	.....	.....	2.92	3.51	2.38	4.86	6.06	5.33	1.52	4.81	3.03	.....
1887	2.31	6.80	1.37	4.44	4.84	6.25	4.11	2.28	2.75	0.95	2.43	1.31	39.84
1888	5.57	1.93	3.54	1.40	4.31	2.57	9.62	8.10	4.51	4.15	4.69	1.65	52.04
1889	4.06	1.65	0.95	2.55	2.49	3.06	4.91	1.09	4.55	1.58	4.44	2.16	33.49
1890	5.50	6.00	5.39	3.43	5.09	8.72	5.24	5.76	8.89	4.53	1.53	2.71	62.79
1891	3.09	5.79	2.60	1.46	2.92	4.69	4.79	3.22	1.36	1.10	4.29	2.66	37.97
1892	2.11	2.25	2.78	2.77	5.29	4.53	3.41	3.63	2.15	0.95	1.40	1.69	32.96
1893	2.52	7.20	2.26	7.37	5.35	4.99	2.14	3.16	1.44	6.10	1.94	3.39	47.86
1894	2.35	2.97	1.97	2.74	3.50	2.52	2.07	1.31	2.88	1.48	2.73	3.54	30.06
1895	4.18	0.89	1.40	1.53	1.18	2.17	3.54	2.68	2.00	1.38	3.30	4.42	28.67
1896	1.91	2.08	3.39	2.98	2.40	5.77	9.77	3.69	5.91	0.82	3.02	1.79	43.23
1897	1.92	3.77	4.52	3.70	4.24	2.32	5.15	1.86	0.67	0.30	6.96	1.35	36.76
Mns	3.23	3.76	2.74	3.11	3.76	4.16	4.97	3.62	3.51	2.07	3.46	2.48	40.87

Somerset, Perry County
Elevation, 1,080 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1897	.....	....	.....	.....	.....	.....	4.81	2.90	0.97	0.06	4.96	2.01	.....
1898	5.38	2.81	5.95	3.84	3.97	3.63	3.44	5.38	1.16	3.43	2.34	2.58	43.91
1899	2.37	1.85	4.76	2.47	3.32	5.92	4.11	1.13	2.80	1.87	2.61	2.34	35.55
1900	2.26	2.78	2.68	1.57	1.15	4.86	3.38	2.64	0.96	1.18	4.28	0.90	28.64
1901	1.72	0.68	1.85	7.11	4.11	5.39	1.98	3.24	2.04	0.42	1.08	4.10	33.72
1902	1.19	1.16	1.68	1.51	2.67	8.44	4.37	1.89	3.13	2.34	4.01	3.11	35.50
1903	**4.06**	3.42	1.50	**2.96**	3.51	3.82	3.53	1.37	0.80	2.57	2.17	1.17	30.88
1904	2.64	1.72	3.57	3.73	5.21	4.16	4.38	3.20	2.35	2.56	0.50	4.55	38.57
1905	1.86	1.22	1.82	2.80	5.69	3.82	3.33	5.15	4.03	5.82	2.98	2.58	41.10
1906	3.11	0.69	3.28	2.05	2.48	4.71	6.41	4.71	1.89	3.42	1.61	3.42	37.78
1907	4.67	0.64	6.69	3.96	5.00	4.29	7.24	2.62	4.87	2.80	3.01	1.61	47.40
1908	1.52	2.53	7.67	4.52	5.51	3.39	4.95	3.79	0.67	1.04	1.33	2.58	39.50
Mns	2.80	1.77	3.77	3.32	3.87	4.77	4.33	3.17	2.14	2.29	2.57	2.58	37.38

Steubenville, Jefferson County
Elevation, 719 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1830	.....	.....	....	....	.....		....	.....	.....	.....	.....	3.40	.....
1831	1.80	2.50	4.50	2.50	3.25	4.50	4.50	6.50	6.20	3.20	1.50	2.60	43.55
1832	5.20	8.50	2.20	1.80	2.20	1.55	2.95	5.95	1.60	1.50	2.60	3.70	39.75
1833	2.60	3.30	1.10	1.10	4.20	3.10	2.40	1.00	8.40	3.70	1.85	2.90	35.65
1834	3.05	1.85	3.20	3.26	2.26	5.21	7.45	2.50	2.32	3.58	2.70	1.40	38.78
1835	2.45	1.80	2.35	2.40	4.40	3.10	3.55	3.90	3.05	4.75	4.00	2.40	38.15
1836	3.60	1.80	4.67	2.09	4.05	5.50	2.75	5.00	3.30	1.70	1.76	2.93	39.15
1837	0.83	2.15	2.65	1.45	4.30	4.85	4.05	5.25	1.40	2.10	3.20	3.16	35.39
1838	1.90	0.95	3.10	4.10	5.90	2.25	1.50	3.50	0.16	1.60	2.97	0.23	28.16
1839	1.67	2.20	3.30	0.90	2.35	4.00	4.15	1.95	3.50	0.10	2.50	1.40	28.02
1840	1.90	3.25	5.19	4.22	2.75	1.95	3.70	4.35	2.40	2.85	3.10	1.90	37.56
1841	3.45	0.36	2.98	3.00	1.70	2.30	2.10	3.20	2.80	1.92	3.46	4.00	31.27
1842	2.13	3.73	3.50	4.32	3.15	4.80	2.91	6.75	1.75	1.50	3.15	3.50	41.19
1843	2.95	2.90	3.75	3.34	3.10	5.20	1.50	1.30	6.95	3.30	3.85	2.90	41.04
1844	1.91	0.90	3.38	1.40	4.52	4.35	5.15	4.70	2.65	4.21	2.70	2.80	38.67
1845	2.55	2.83	5.37	2.42	1.09	4.20	3.48	3.00	5.65	3.85	2.70	1.30	38.44
1846	3.80	2.50	2.80	4.20	6.00	5.68	3.01	8.10	3.07	5.80	2.65	4.60	52.21
1847	3.60	4.11	4.33	2.39	2.85	8.87	6.10	4.30	6.00	3.35	2.88	8.50	57.28
1848	2.70	1.01	5.52	2.10	9.15	3.32	7.80	5.90	1.75	3.10	3.10	4.80	50.25
1849	4.45	2.95	5.07	2.23	5.75	4.30	3.27	5.12	1.50	5.93	3.40	3.35	47.32
1850	7.30	4.22	2.75	3.20	3.04	4.60	2.28	3.20	3.25	4.10	2.90	6.14	46.98
1851	0.30	3.30	1.65	3.22	3.80	1.35	3.90	2.34	0.80	1.10	4.25	2.58	28.59
1852	2.92	3.32	3.70	9.90	3.55	3.00	2.80	3.90	2.75	2.30	4.14	7.02	49.30
1853	2.20	4.80	1.30	5.12	3.47	0.82	3.85	4.35	2.00	2.60	3.05	1.94	35.50
1854	2.60	3.35	3.75	4.23	1.90	1.50	2.45	1.81	1.71	2.70	2.10	2.01	30.11
1855	2.76	1.90	3.62	2.80	3.22	8.60	6.91	2.82	5.12	1.55	5.01	3.62	47.93
1856	3.50	1.48	2.11	2.37	6.05	3.20	1.45	3.10	1.95	2.21	3.05	1.88	32.35
1857	1.95	2.32	2.15	2.95	8.10	7.20	7.51	5.27	2.60	5.72	4.31	4.90	54.98
1858	1.44	3.31	0.84	6.60	8.05	4.70	6.95	1.90	1.95	4.60	4.30	5.85	50.49
1859	1.62	3.82	4.70	6.92	2.90	3.77	1.70	7.50	5.55	1.90	3.65	5.65	49.68
1860	2.55	1.52	0.50	7.60	3.82	1.48	6.02	3.60	2.47	8.25	5.73	2.94	46.48
1861	2.00	2.13	2.55	4.97	2.50	2.50	3.77	3.21	5.40	3.11	5.12	1.52	38.78
1862	6.55	2.62	4.18	5.55	3.10	5.90	3.41	0.80	1.15	3.40	3.25	2.45	42.36
1863	9.05	4.04	2.51	3.00	1.50	3.10	2.40	1.40	3.22	3.75	2.47	2.30	38.74
1864	3.40	1.34	4.01	3.51	3.40	4.95	2.77	8.60	7.15	2.92	3.65	3.52	49.22
1865	2.73	1.86	7.12	3.20	4.50	3.10	5.85	3.60	9.50	2.40	0.86	3.31	48.03
1866	1.93	2.55	4.56	2.51	2.50	7.04	4.00	4.55	7.50	3.75	3.90	4.15	48.94
1867	1.43	4.30	3.96	3.80	4.20	2.55	3.65	2.65	0.30	3.40	1.30	2.60	34.14
1868	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1869	3.39	2.06	2.77	0.79	5.44	4.01	5.78	1.45	7.49	0.59	2.71	2.81	39.29
1870	5.73	3.51	3.86	2.78	3.04	4.33	4.83	2.82	2.73	1.90	1.25	1.73	38.51
1871	2.20	1.82	1.02	1.76	4.32	2.93	3.44	6.40	0.85	.....	.....	.....	.....
Mns	3.00	2.73	3.31	3.40	3.88	3.99	3.95	3.94	3.50	3.08	3.10	3.27	41.15

Zanesville, Muskingum County
Elevation, 700 feet

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1854	.....	.....	.....	.....	6.25	.....	2.14	2.24	0.57	6.10	1.99	1.41	.....
1855	3.32	2.71	2.57	2.01	.....	6.19	6.72	4.58	6.29	1.49	5.22	2.92	.....
1856	.....	.....	1.58	1.80	3.87	5.23	.....	.....	.....	.....	.....	.....	.....
1857	2.10	2.58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
....	.....	.....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1887	.....	.....	.....	.....	.....	.....	.....	1.80	1.51	0.39	2.54	1.37	.....
1888	4.96	1.81	3.02	1.12	3.45	2.37	.....	.....	.....	.....	.....	.....	.....
1889	3.25	1.50	0.47	2.13	1.65	4.30	**2.90**	1.14	3.27	1.66	4.65	2.06	28.98
1890	4.97	5.09	5.47	3.19	5.03	7.51	4.59	6.13	8.20	3.38	1.99	1.89	57.44
1891	2.81	5.99	3.43	1.45	3.13	3.15	8.84	1.72	0.93	1.00	3.05	1.66	37.16
1892	1.39	2.02	2.57	2.65	4.95	4.23	5.10	2.74	2.49	0.63	1.78	2.06	32.61
1893	1.42	5.41	1.66	4.61	6.31	2.05	2.53	2.23	1.51	7.25	2.07	2.87	39.92
1894	1.81	2.47	1.92	2.19	3.76	2.68	2.68	0.90	2.84	1.70	1.70	3.82	28.47
1895	3.98	0.71	1.15	1.23	0.84	1.42	1.50	3.55	1.82	0.88	3.49	**3.88**	24.45
1896	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1897	.....	.....	.....	.....	.....	.....	6.40	2.18	1.01	0.34	6.40	2.61	.....
1898	5.51	2.37	5.52	3.41	4.81	4.02	2.28	4.44	1.80	3.43	2.24	2.65	42.48
1899	2.09	2.32	4.58	1.08	2.86	4.92	4.55	2.45	3.26	1.78	1.43	2.52	33.84
1900	2.05	2.65	2.73	1.57	2.13	1.70	2.26	3.49	0.80	1.09	4.19	1.21	25.87
1901	1.51	0.82	2.13	6.52	3.30	4.63	2.72	6.13	1.56	0.25	1.19	4.17	34.93
1902	1.77	1.07	2.57	2.31	1.86	7.05	5.77	1.42	2.59	2.44	2.62	4.78	36.25
1903	3.44	5.82	4.49	2.98	2.46	3.07	3.50	1.10	0.28	2.22	2.35	1.91	33.62
1904	2.13	1.85	4.63	2.53	2.22	3.31	7.34	2.82	1.36	2.96	0.34	3.78	35.27
1905	1.70	1.48	3.21	2.13	3.90	4.49	1.74	4.52	4.46	3.30	2.65	2.91	36.49
1906	2.71	1.13	4.26	1.73	3.01	3.01	4.78	3.47	2.55	2.82	1.61	3.02	34.10
1907	5.01	1.43	6.43	3.42	5.59	3.92	9.39	2.06	4.40	1.87	1.11	3.00	47.63
1908	1.08	2.89	6.40	2.84	4.00	2.62	3.71	2.17	0.32	1.56	1.24	2.36	31.19
Mns	2.82	2.58	3.37	2.52	3.59	3.90	4.35	2.88	2.45	2.21	2.54	2.68	35.89

Mean Monthly Precipitation

Stations	Years of record	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Annapolis	11	1.88	2.41	3.14	3.33	3.03	3.42	3.57	2.85	2.25	1.65	2.59	2.64	32.76
Bangorville	22	3.24	3.14	3.93	2.91	4.23	4.20	4.24	3.17	3.06	2.24	3.06	2.96	40.38
Bladensburg	18	3.15	2.34	3.82	2.47	3.18	2.81	4.70	2.53	2.78	2.17	2.29	2.81	35.05
Cadiz	6	3.09	2.09	5.41	3.39	3.81	4.64	6.63	3.06	2.54	2.92	1.94	3.21	42.73
Cambridge	17	2.70	2.44	3.96	3.25	3.52	3.90	4.88	2.94	2.28	2.22	2.33	3.18	37.60
Canal Dover	16	2.97	2.61	4.37	3.09	3.54	3.83	4.67	2.96	2.64	2.05	2.59	3.09	38.41
Carrollton	10	3.07	3.40	3.43	3.04	4.44	3.87	4.57	2.92	2.38	2.08	3.27	3.16	39.63
Clarington	6	3.20	3.03	5.86	4.21	4.01	4.36	5.43	3.04	2.56	3.08	1.79	3.52	44.09
Demos	21	2.74	2.85	3.75	3.26	3.45	4.32	4.59	3.72	2.86	2.43	2.43	2.86	39.26
Granville	30	3.02	3.00	3.67	2.85	3.60	3.97	3.85	2.81	2.89	2 41	3.17	3.14	38.38
Gratiot	20	2.83	3.08	3.96	2.90	3.56	4.21	4.76	3.18	2.76	2.04	2.74	3.03	39.05
Hackney	8	3.37	3.50	3.52	3.03	3 15	4.01	3.99	2.49	2.84	1.91	2.88	2.90	37.59
Killbuck	17	2.44	2.47	3.93	3.00	3.64	3.44	4.58	3.30	2.74	1.95	2.45	2.79	36.73
Marietta	89	3.21	3.18	3.51	3.38	3.87	4.23	4.63	3.76	3.14	2.87	2.99	3.43	42.20
McConnelsville	25	3 35	3.00	3.55	3.10	3.81	4.32	4.35	3.23	2.84	2.30	2.80	2.94	39.63
Milfordton	17	2.85	2.30	4.29	2.94	3.91	3.59	4.14	2.84	2.67	1.91	2.32	2.95	36.71
Milligan	16	2.68	2.61	3.96	3.04	3.39	4.26	4.02	2.80	2.21	2.36	2.24	2.94	36.51
Millport	17	2.63	2.44	3.62	3.08	3.06	3.80	4.28	3.24	2.41	2.05	2.36	2.79	35.76
Milnersville	13	2.57	2.19	2.72	2.45	2.69	3.28	3.97	2.82	3.59	2.15	2.17	2.44	33.04
Nellie	15	2.51	2.20	4.21	3.00	3.59	3.85	4.92	3.85	2.40	1.94	2.56	2.83	37.86
New Comerstown	12	3.23	3.76	2.74	3.11	3.76	4.16	4.97	3.62	3.51	2.07	3.46	2.48	40.87
Philo (a)	14	2.32	2.22	4.19	3.05	3.59	3.76	4.64	2.76	2.45	1.90	2.20	2.42	35.50
Quaker City	8	3.73	4.46	3.28	3.57	4.42	4.09	5.17	4.75	3.33	3.15	3.68	3.65	47.28
Steubenville	40	3.00	2.73	3.31	3.40	3.88	3.99	3.95	3.94	3.50	3.08	3.10	3.27	41.15
Zanesville	22	2.92	2.63	3.35	2.60	3.63	4.21	4.36	2.94	2.42	2.24	2.54	2.76	36.60

Average Number of Days with .01 Inch or More of Precipitation

Stations	Years of record	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Annapolis	10	7	9	9	8	9	7	7	6	6	5	8	7	88
Bangorville	22	11	10	11	9	12	10	9	7	7	8	8	10	112
Bladensburg	14	10	9	10	8	9	8	9	6	7	6	7	9	98
Cambridge	16	9	7	10	8	10	9	10	7	5	6	6	8	95
Canal Dover	16	11	9	11	10	11	9	10	8	7	6	8	10	110
Demos	19	10	10	11	9	11	10	10	8	6	7	8	10	110
Granville	23	11	10	13	11	12	11	10	8	7	7	9	10	119
Gratiot	18	13	12	13	12	13	12	11	8	7	7	11	12	131
Killbuck	16	9	8	11	10	11	10	10	7	6	6	8	8	104
McConnelsville	25	12	11	12	11	12	12	11	8	8	8	9	10	124
Marietta	26	11	10	12	11	11	12	11	9	8	8	9	10	122
Milfordton	16	11	9	12	10	11	10	10	6	6	6	8	9	108
Milligan	15	10	7	11	9	10	10	9	7	6	6	7	9	101
Millport	16	11	11	13	11	10	10	11	8	6	8	10	11	120
Nellie	13	9	8	11	8	10	11	11	8	6	6	8	9	105
New Alexandria	24	9	8	9	8	10	8	9	7	6	6	7	8	95
New Comerstown	12	10	9	8	8	10	9	9	6	6	6	9	7	97
Philo (a)	14	9	8	10	9	10	10	10	7	6	6	7	9	101
Somerset	11	12	9	14	12	13	14	13	10	9	10	8	11	135

Snowfall

Stations	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Bangorville	8.7	8.4	5.7	1.5	T.	0	0	0	0	0.1	1.5	7.7	33.6
Cambridge	6.4	4.1	5.0	1.7	0	0	0	0	0	T.	0 4	3.4	21.0
Canal Dover	7.2	6.1	5.6	2.5	T.	0	0	0	0	T.	1.1	5.6	28.1
Demos	6.7	6.2	6.6	0.5	T.	0	0	0	0	0.1	1.3	5.0	26.4
Granville	7.8	5.3	5.1	1.4	0.1	0	0	0	0	T.	0.7	5.2	25.6
Gratiot	8.7	7.3	6.2	4.4	T.	0	0	0	0	0.1	1.6	6.0	34.3
Killbuck	7.8	5.6	5.9	2.2	T.	0	0	0	0	0.1	1.0	5.0	27.6
McConnelsville	7.2	6.2	5.2	2.0	T.	0	0	0	0	0.2	1.1	5.3	27.2
Marietta	5.3	4.8	4.6	0.9	0	0	0	0	0	T.	0.2	3.3	19.1
Milfordton	9.1	7.2	6.6	2.0	T.	0	0	0	0	0.1	1.0	5.8	31.8
Milligan	7.0	6.1	4.6	1.9	T.	0	0	0	0	0.1	1.0	4.8	25.5
Millport	8.4	6.5	5.0	3.2	T.	0	0	0	0	T.	1.7	6.4	31.2
New Alexandria	8.7	7.8	6.5	3.0	T.	0	0	0	0	T.	1.6	5.4	33.0

Monthly and Annual Mean Temperatures

Stations	Years of record	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Bangorville	22	26.3	24.8	37.0	48.6	59.6	68.5	72.5	70.2	65.0	51.7	39.4	30.1	49.6
Cambridge	16	28.7	26.8	41.0	49.5	60.7	68.3	72.6	70.7	65.2	52.6	39.4	31.2	50.6
Canal Dover	15	27.9	25.2	39.5	48.1	60.4	68.3	73.0	70.6	64.0	51.6	39.8	30.2	49.9
Demos	20	29.3	28.2	39.6	50.0	61.2	69.7	72.9	71.3	65.8	52.8	41.3	32.4	51.2
Granville	23	27.2	27.6	38.7	49.6	60.6	69.2	73.3	71.0	65.4	52.6	40.0	31.4	50.6
Gratiot	20	28.7	28.3	39.9	50.1	60.8	69.4	72.8	70.8	65.5	52.9	41.0	32.1	51.0
Killbuck	16	28.1	25.0	39.2	48.7	60.5	68.5	72.9	71.0	64.8	52.5	39.8	29.5	50.0
McConnelsville	25	30.2	30.3	40.4	50.8	62.0	70.1	73.7	71.8	66.5	53.5	42.0	33.0	52.0
Marietta	65	31.6	33.8	42.3	53.3	62.9	70.2	73.9	72.0	65.5	53.0	42.7	34.3	53.0
Milfordton	16	25.2	23.8	37.6	47.3	59.4	67.8	72.4	70.5	65.0	51.7	38.8	28.7	49.0
Milligan	15	29.8	27.6	42.1	50.2	61.8	69.5	73.8	71.9	66.2	53.7	41.0	31.9	51.6
Millport	16	27.4	24.2	38.9	48.1	59.5	66.9	71.6	69.2	63.8	51.9	39.1	28.7	49.1
New Alexandria	24	28.7	28.7	39.1	50.1	61.4	69.4	73.2	71.1	65.4	53.0	41.2	32.5	51.2

Highest Temperatures by Months

Stations	Years of record	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Bangorville	22	70	66	80	88	93	96	100	101	98	93	77	65	101
Cambridge	16	76	72	85	89	95	99	99	98	96	89	80	69	99
Canal Dover	15	72	68	79	92	97	99	102	99	98	89	75	68	102
Demos	20	73	70	81	90	93	97	98	96	97	88	75	68	98
Granville	23	73	66	81	88	95	99	101	99	98	88	77	66	101
Gratiot	20	72	68	81	90	94	98	97	95	95	88	78	69	98
Killbuck	16	72	66	80	86	98	102	102	100	97	89	74	64	102
McConnelsville	25	75	72	83	93	95	96	102	100	100	93	79	69	102
Marietta	22	72	74	85	92	93	96	101	98	94	87	78	70	101
Milfordton	16	71	63	80	88	96	100	102	101	100	92	79	67	102
Milligan	15	74	73	85	94	102	105	103	100	101	96	79	68	105
Millport	16	71	69	80	86	90	94	99	95	98	88	74	65	99
New Alexandria	24	73	70	85	88	95	97	100	98	98	86	78	65	100

Lowest Temperatures by Months

Stations	Years of record	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Bangorville	22	−20	−26	− 7	14	26	36	41	40	30	18	1	−13	−26
Cambridge	16	−27	−33	− 4	16	24	37	39	40	27	14	1	−14	−33
Canal Dover	15	−24	−25	−11	12	25	34	41	40	27	12	7	−15	−25
Demos	20	−12	−26	− 2	12	29	39	45	45	31	20	11	−10	−26
Granville	23	−20	−25	− 3	17	27	32	40	41	27	15	9	−16	−25
Gratiot	20	−24	−26	− 2	16	26	38	42	44	29	17	9	−16	−26
Killbuck	16	−19	−23	− 1	12	26	36	40	39	28	17	7	−11	−23
McConnelsville	25	−18	−29	− 3	18	26	39	42	43	30	15	4	−11	−29
Marietta	22	−10	−22	− 2	21	29	42	48	46	34	17	10	− 4	−22
Milfordton	16	−18	−28	− 9	14	25	32	39	41	25	15	7	−16	−28
Milligan	15	−30	−39	− 6	13	23	33	38	39	26	12	6	−18	−39
Millport	16	−26	−25	− 8	7	21	33	39	38	24	16	0	−18	−26
New Alexandria	24	−11	−23	− 2	15	28	38	46	42	29	20	11	− 7	−23

Direction of Prevailing Wind

Stations	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Columbus, Ohio	sw.	w.	w.	nw.	sw.	sw.	sw.	sw.	s.	s.	sw.	sw.	sw.
Demos, Ohio	sw.	sw.	sw.	sw.	sw.	sw.	sw.	sw.	sw.	sw.	sw.	sw.	sw.
Killbuck, Ohio	w.	w.	w.	n.	w.	sw.	w.	nw.	nw.	sw.	w.	w.	w.
Parkersburg, W.Va.	s.	nw.	w.	nw.	s.	s.	s.	s.	se.	se.	se.	se.	s.
Pittsburg, Pa.	w.	nw.	nw.	nw.	nw.	nw	nw.	nw.	nw.	nw.	w.	w.	nw.

Average Hourly Wind Movement (in miles)

Stations	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Columbus	9	10	10	9	8	7	7	6	7	8	9	9	8
Parkersburg, W. Va.	7	7	7	7	5	5	4	4	4	5	6	6	6
Pittsburg, Pa.	8	8	8	7	6	6	5	5	5	6	7	7	7

Mean Relative Humidity

		%	%	%	%	%	%	%	%	%	%	%	%
Columbus, Ohio*	8 a. m.	84	82	80	74	75	77	76	79	80	81	82	83	79
	8 p. m.	77	74	69	61	61	63	59	61	62	64	70	76	66
Parkersb'rg, W.Va*	8 a. m.	83	83	81	75	75	78	79	82	84	83	82	82	81
	8 p. m.	77	76	70	62	64	69	67	69	70	69	72	76	70
Pittsburg, Pa.*	8 a. m.	80	80	78	73	74	75	75	78	79	79	78	78	77
	8 p. m.	74	72	68	62	62	64	62	61	63	63	68	72	66

* 75th meridian time.

Frost Data

Stations	Years of record	Average date of first killing frost in autumn	Average date of last killing frost in spring	Earliest date of killing frost in autumn	Latest date of killing frost in spring
Bangorville	22	October 3	May 6	September 12	May 29
Cambridge	16	September 28	May 5	September 14	May 28
Canal Dover	15	October 2	May 8	September 14	May 29
Demos	18	October 10	May 3	September 22	May 29
Granville	20	October 5	April 30	September 15	May 28
Gratiot	18	October 5	May 5	September 14	May 29
Killbuck	16	October 1	May 2	September 14	May 31
McConnelsville	24	October 8	April 29	September 16	May 28
Marietta	25	October 20	April 18	September 28	May 22
Milfordton	16	September 30	May 6	September 14	May 31
Milligan	15	September 28	May 9	September 12	May 30
Millport	16	October 3	May 9	September 15	May 29
New Alexandria	24	October 5	May 2	September 27	May 28

FIG. 1—Diagram showing the comparative monthly distribution of precipitation.

FIG. 2—Chart showing the boundaries of sections, location of principal reporting stations, river systems, and general elevation above sea level.

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